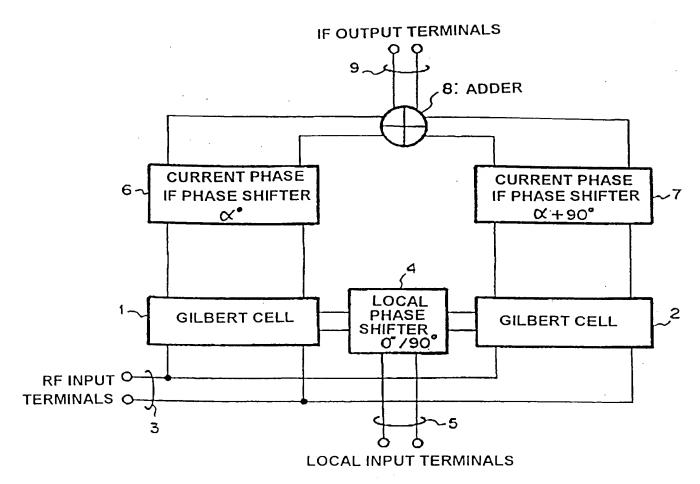
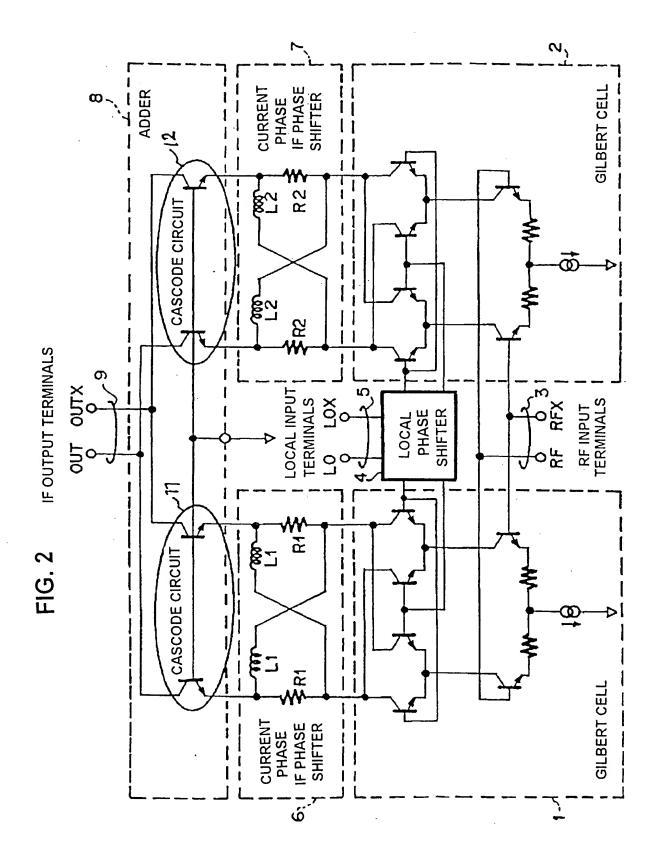
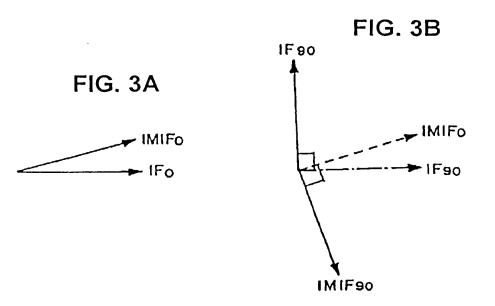
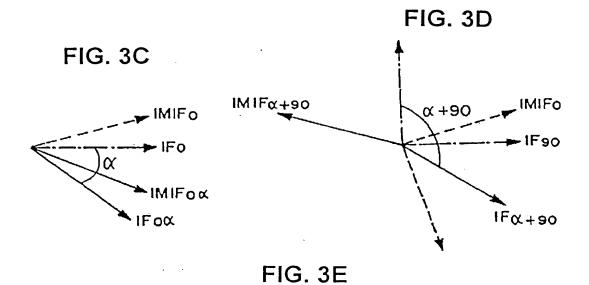
FIG. 1









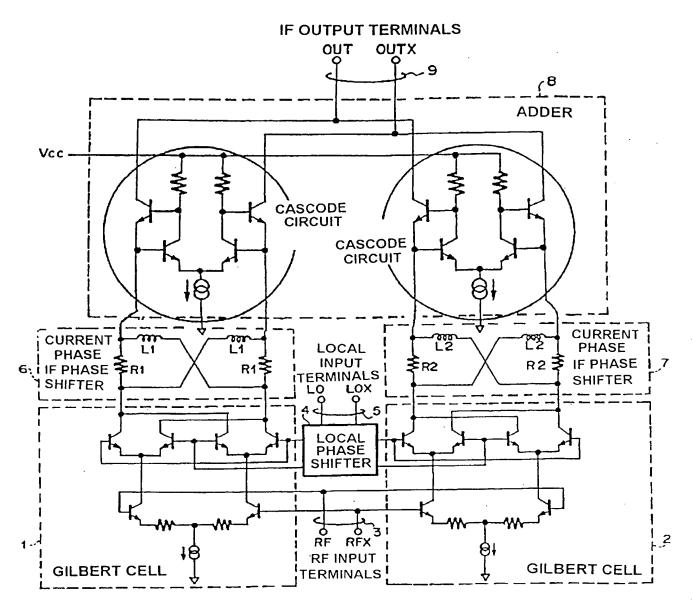
IMIFa+90 OPPOSITE PHASE ADDITION

IMIFoa

IFa+90

IN- PHASE ADDITION IF oa

FIG. 4



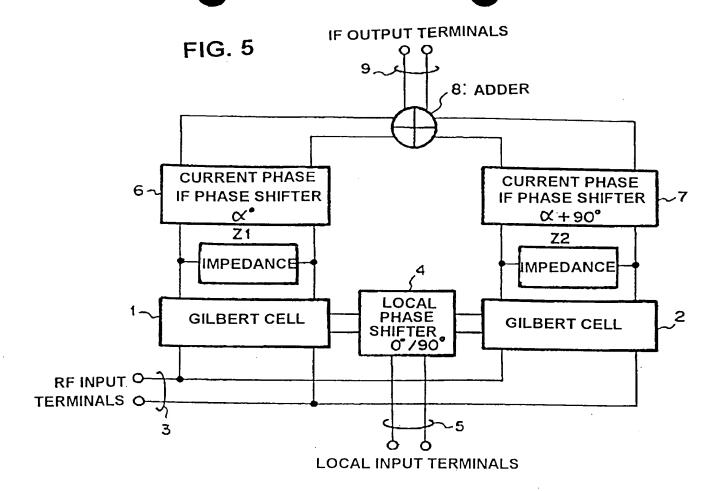


FIG. 6 101 -(105 **I MIXER** + 45° 103-+ 45° 107 1/P-LO--0/P 104 45° ,106 Q MIXER 1 Q 102

FIG. 7

